

Product Name: POLYSORBATE 20 (TWEEN 20)

CAS NO: 9005-64-5

Tween 20 is a ethoxylated sorbitan ester based on a natural fatty acid (lauric acid). This ethoxylate is highly effective at forming oil in water emulsions, particularly when used in combination with its non-ethoxylated precursor, Span 20.

Technical Data Sheet (TDS)

TEST	TYPICAL VALUE	UNIT
HLB	15	-
Form	Liquid	-
Acid value	1	mg KOH/g
Hydroxyl value	72.5	mg KOH/g
Saponification value	50	mg KOH/g
Water content	2.75	%w/w
Appearance	yellow	-

Applications

- Construction chemicals
- Emulsion and dispersion technology
- Ink additives for ceramic tiles
- Surfactants and chemical intermediates
- Technical and Industrial fibre chemicals

Functions

- High HLB surfactant
- Silicone emulsifier
- Oil in water emulsifier
- Oil solubiliser
- Micro emulsifier
- NPE 20 alternative
- Inherently biodegradable

The information submitted in this data sheet is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.